User Story Number: US012.05

User Story Name: Audit Logging - Notify of Completed Status

Priority: High

ClearQuest Number: DAS_CR221

Author/Owner: James Picker/Business Analyst

Story: As the Business Owner, I want the Virtual Lifetime Electronic Record (VLER) Data Access Services (DAS) to log all notifications for exam results stored with a status of 'Completed'so that VLER DAS is in compliance with Department of Veterans Affairs (VA) system auditing requirements and can assist with troubleshooting.

Revision History

Date	Version	Description	Author
05/29/2012	v0.01	Original	James Picker
05/29/2012	v0.02	Analyst Review	Analyst Team
06/08/2012	v0.03	Updated Background Section	Analyst Team
06/12/2012	v0.04	Updated based on business owner, and architect review	James Picker
07/03/2012	v0.05	Technical Writer Review 1	David Malmstrom
07/05/2012	v0.06	Changed Log/Logging to Audit Logging to clarify technical differences – Throughout user story	James Picker
07/10/2012	v0.07	Peer Review	James Picker
07/19/2012	v0.08	Listed each attribute contained in the audit log as a separate requirement in the Acceptance Criteria	James Picker
07/20/2012	v0.09	Technical Writer Review	Nancy Burak
07/25/2012	v0.10	SQA Audit	Mostafa Baliamoune
09/19/2012	v0.11	Revised to include active voice Changed scope to 'Completed' status	James Picker
09/27/2012	v0.12	DAS PM Review	Stephen Pelchar Ken Brunetto
11/01/2012	v0.13	Make changes to Patient ID information based on feedback from HDR team.	Janice Clayton
11/29/2012	v1.0	Formal Review - Approved	William G. Jackson
12/06/2012	v1.1	Added element "Date Status Modified" to the list of query elements / Renumbered User Story from US004.13 to US0012.05	Eniola Alabi
12/13/2012	v2.0	Formal Review - Approved	William G. Jackson
1/4/2013	v2.1	Added "Date/Time/Time Zone" to the Date Status Modified data element	Eniola Alabi
1/3/2013	v3.0	Formal Review - Approved	William G. Jackson

Background

The VA requires "that system audit logs must record sufficient information to establish what events occurred, the sources, and outcomes of the events. Audit logging must be sufficient in detail to facilitate reconstruction of events if a compromise or malfunction is suspected or has occurred. " [1]

VLER DAS provides a notification service to alert subscribers when a particular event occurs (e.g., an exam result has been stored with a status of 'Completed'). The Veterans Benefits Administration (VBA) retrieves exam results with a status of 'Completed' in order to calculate a disability rating. All requests and responses for the notify of 'Completed' status action must be logged in the audit log. An example of how this functionality may be used is as follows:

A VBA Ratings Specialist expects to receive a notification for an exam result stored with a status of 'Completed', however notification has not been received. The events and outcomes associated with the specified notification will be recorded in VLER DAS audit logs, and can be used to aid in tracking the exam result through the system.

Conversation

1. VLER DAS stores event descriptions in an audit log for a minimum of six (6) years.

2. VLER DAS stores the following attributes, when available, in an audit log:

    a) Unique Identifier for the exam result
    b) Creation Date (Date, Time, and Time Zone)
    c) Date Status Modified (Date, Time, and Time Zone)
    d) System ID (Fully Qualified Domain Name)
    e) Transaction Type (description of action, e.g., Notify of Approval)
    f) Organization Name the notification is sent to
    g) Event Description (e.g.,refer to audit logging event below)
    h) Patient ID (EDIPI, if not available then ICN, if neither available then SSN), Assigning Facility, and Assigning Authority
    i) Status of Exam Result

3. VLER DAS stores the event description information in an audit log for the following event: VLER DAS sends a 'DBQ Status is Completed' event notification to subscribers.

Detailed Listing of Acceptance Criteria

Requirement ID	Description
US0012.05.01	VLER DAS stores event descriptions in an audit log for a minimum of six (6) years.

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[1] VA Handbook 6500, 9/18/2007, Section 6.c.11.b.2.a, Pg. 69

US0012.05.02	VLER DAS stores the 'Unique Identifier' for the exam result, when available, in an audit log.
US0012.05.03	VLER DAS stores the 'Creation Date' (Date, Time, and Time Zone), when available, in an audit log.
US0012.05.04	VLER DAS stores the 'Date Status Modified' (Date, Time, and Time Zone), when available, in an audit log.
US0012.05.05	VLER DAS stores the 'System ID' (Fully Qualified Domain Name), when available, in an audit log.
US0012.05.06	VLER DAS stores the 'Transaction Type' (description of action, e.g., Notify of Completed Status), when available, in an audit log.
US0012.05.07	VLER DAS stores the 'Organization Name' the notification is sent to, when available, in an audit log.
US0012.05.08	VLER DAS stores the 'Event Description', when available, in an audit log.
US0012.05.09	VLER DAS stores the 'Patient ID' (EDIPI, if not available then ICN, if neither available then SSN), 'Assigning Facility', and 'Assigning Authority, when available, in an audit log.
US0012.05.10	VLER DAS stores the 'Status of Exam Result', when available, in an audit log.
US0012.05.11	VLER DAS stores the event description information in an audit log for the following event: VLER DAS sends a 'DBQ Status is Completed' event notification to subscribers.

Constraints

None at present.

Approval Signatures

X _____

Steven Lee Green
FIST Program Manager

X _____

William G. (Dusty) Jackson
Business Owner Representative